

Claims

- [1] A lint filter assembly for a dryer comprising:
a door;
a lint filter including a filter housing installed at a rear of the door and a filter main body inserted into the filter housing; and
at least one securing member for securing the filter main body to the filter housing.
- [2] The lint filter assembly according to claim 1, wherein the filter housing has a guide rail formed therein for guiding the filter main body therein.
- [3] The lint filter assembly according to claim 2, wherein the securing member is formed at a bottom portion of the guide rail.
- [4] The lint filter assembly according to claim 2, wherein the securing member is formed perpendicularly to the guide rail.
- [5] The lint filter assembly according to claim 1, wherein the securing member includes a convexing portion convexing from one end for contacting a periphery of the filter main body, and a supporting protrusion for supporting the convexing portion.
- [6] The lint filter assembly according to claim 5, wherein the convexing portion has a predetermined elasticity.
- [7] The lint filter assembly according to claim 1, wherein the filter main body is pressed firmly by the securing member against a rear of the filter housing.
- [8] The lint filter assembly according to claim 5, wherein the convexing portion convexes towards the supporting protrusion when the filter main body is inserted into the filter housing, and the convexing portion readopts an original shape when the filter main body is pulled out from the filter housing.
- [9] The lint filter assembly according to claim 5, wherein the convexing portion has a deformation degree limited by the supporting protrusion.
- [10] A lint filter assembly for a laundry dryer comprising:
a door;
a filter main body including a mesh and a frame on an outer periphery of the wire mesh; and
a filter housing disposed at a rear of the door, and having a guide rail for guiding an insertion of the filter main body and a pressing member protruding at a right angle to the guide rail.
- [11] The lint filter assembly according to claim 10, wherein the frame is pressed firmly against a rear of the filter housing by the pressing member when inserted therein.

- [12] The lint filter assembly according to claim 10, wherein the guide rail guides each side of the frame.
- [13] The lint filter assembly according to claim 10, wherein the filter main body inserts into the filter housing from a top or a side.
- [14] The lint filter assembly according to claim 10, wherein the frame has a handle on an upper portion thereof for a user to grasp.
- [15] The lint filter assembly according to claim 10, wherein the pressing member protrudes in a direction so that the pressing member presses the filter main body against a rear of the filter housing.